U.S. DEPARTMENT OF COMMERCE
National Technical Information Service
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ACCOMPLISHMENT PLAN.

REGION VIII. WINTER OLYMPICS 1976

ENVIRONMENTAL PROTECTION AGENCY

JUNE 1972

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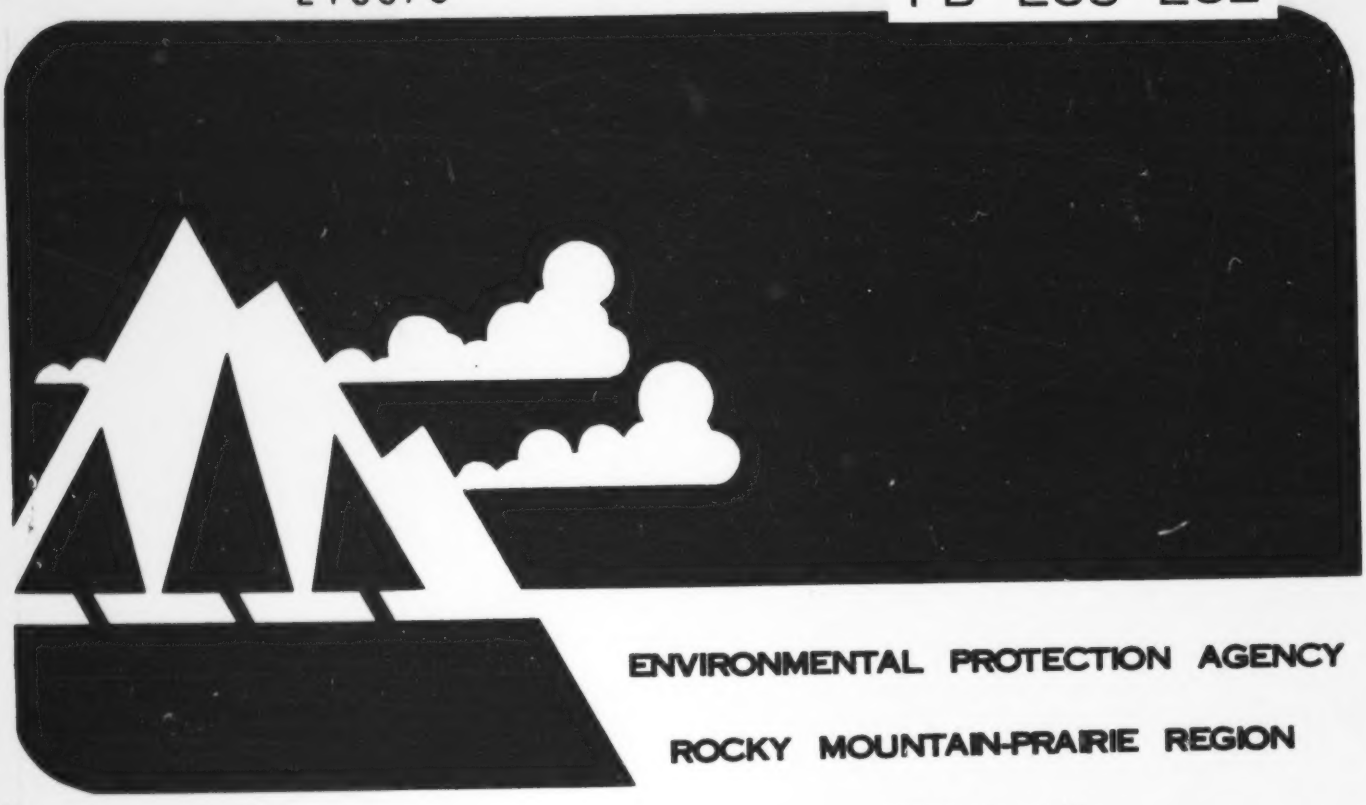
PB 255 262



ENVIRONMENTAL PROTECTION AGENCY

ROCKY MOUNTAIN-PRAIRIE REGION

REGION VIII

WINTER OLYMPICS 1976

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15. Supplementary Notes

16. Abstracts

Extensive construction will be required to provide physical facilities for Olympic events such as ski slopes; courses for Nordic events; bobsled and luge runs; ski jumping hills; ice rinks for figure skating, speed skating, and hockey. Additional facilities for housing of athletes, press, and spectators; transportation; concessions; and other supporting units will also be required. Most of these facilities will be built where eco-systems are fragile and slow to recover from disruptive forces, and any environmental degradation would be particularly evident.

Secondary impacts such as accelerated growth of resident population, and long-term use of the facilities constructed for Olympic events could also affect environmental quality.

17. Key Words and Document Analysis. 17a. Descriptors

*Regional planning,
*Colorado,
Water quality management,
Solid waste disposal,
Project planning,

17b. Identifiers/Open-Ended Terms

Olympic Games Dever 1976,
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*Athletic competition,
*Environmental protection.

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ACCOMPLISHMENT PLAN

REGION VIII

WINTER OLYMPICS 1976

JUNE 1972

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ASSISTANT FOR PLANNING
AND EVALUATION

ACCOMPLISHMENT PLAN
1976 WINTER OLYMPICS

I. Problem

A. Environment

Extensive construction will be required to provide physical facilities for Olympic events such as ski slopes; courses for Nordic events; bobsled and luge runs; ski jumping hills; ice rinks for figure skating, speed skating, and hockey. Additional facilities for housing of athletes, press, and spectators; transportation; concessions; and other supporting units will also be required. Most of these facilities will be built in mountain areas at elevations over 7,000 feet where eco-systems are fragile and slow to recover from disruptive forces. The areas where construction will take place are currently of high environmental quality, thus, any environmental degradation would be particularly evident.

Secondary impacts resulting from the Olympics such as accelerated growth of resident population, long-term use of facilities constructed for Olympic events, and similar factors could also affect environmental quality.

B. Administrative

Olympic events will be held in at least four rather widely separated areas of the State:

1. City of Denver for Olympic headquarters, opening and closing ceremonies, and skating events;

2. Avon near Vail, Colorado, 117 road miles west of Denver for Alpine skiing events;
3. Steamboat Springs, Colorado, 166 road miles northwest of Denver and 104 road miles north of Avon for Nordic events;
4. A site in the foothills west of Denver approximately 25 miles (probably Doblehead mountain) for bobsled, luge, and ski jumping.

Many Federal, State, local and private agencies are involved in one way or another with the various sites mentioned above. The Denver Organizing Committee (DOC) is the agency with the broadest and most direct involvement with the total Olympic program. The DOC, however, is not staffed or funded to carry out all of the environmental protection functions essential to the program.

Ongoing programs of EPA are not geared to handle this unique situation of preventing environmental problems over a broad area which will experience rapid growth, much of it in unspoiled mountain areas. As an example, our grant authorities for planning are limited to the categorical areas of water quality and solid wastes. Policy and procedures for awarding and administering such grants make it almost impossible to address the breadth of environmental concern and geographic area necessary to provide proper environmental protection in this situation.

II. Objectives

A. Develop an Environmental Framework Plan addressed to the environmental protection needs resulting from the immediate impact of the Olympics and the expected secondary growth effects of the Olympics.

B. Using information developed in the Environmental Framework Plan:

1. Impact the planning of other agencies in such fields as transportation so as to minimize environmental impacts.

2. Review and comment on Environmental Impact Statement generated by other Federal agencies for specific projects.

3. Participate in the design and construction of water supply, sewerage, and solid waste disposal systems; encouraging the demonstration of new and unique processes of special applicability to other problems encountered.

C. Apply the knowledge and information gained in the Olympic program to similar (but probably smaller scale) situations in the future.

III. Strategy

A. It is proposed to award a contract to a qualified consulting firm to prepare the Environmental Framework Plan. Monitoring of the project would be performed by a full-time Region VIII staff member. Close coordination will be maintained with the many Federal, State, local and private organizations involved in the Olympics.

It is planned that the Environmental Framework Plan will incorporate the following general areas of study:

1. Basic information on potential impacts of Olympic facilities and related projects on the environment.

   This will be done primarily by collecting information prepared by other agencies with little original work by the contractor.

2. Basic information on number of people expected at each site during the Olympics.

   This again will require only that known information be assembled.

3. Basic information on the geology, soils, hydrology, climate, etc. of the Olympic sites.

   (Assemble existing information)

4. Estimates of short term and long term off-site population growth.

   This will require some original work on the part of the contractor.

5. Environmental plans primarily in the areas of water quality protection, water supply, and solid waste management, but also incorporating broader aspects of environmental protection.

   It is envisaged that this plan would be approximately on the level of categorical plans developed to meet 18 CFR requirements or local solid waste planning

requirements of EPA. Recommendations would be made on type, size, location, etc. of water and waste treatment facilities and solid waste management practices to accommodate the Olympics and related growth.

The contract for Environmental Framework Plan should be awarded by September 21, 1972, and completed by June 30, 1973. Estimated cost is $400,000. One position and $30,000 for salaries, benefits, travel, etc. is required to augment the Region VIII resources to monitor the contract.

B. Increasing assistance will be provided to the Denver Organizing Committee, the State of Colorado, the City of Denver and the many other Federal, State, local and private agencies involved with the Olympics. Examples of activities include:

1. Continuing participation on the Planning Board of the DOC as an Ad-Hoc member.
2. A minimum of 14 Environmental Impact Statements will be prepared by other Federal agencies for projects related to the Olympics. We plan to provide assistance to agencies preparing these EIS's and to review them thoroughly. Information gained in the Environmental Framework Study

outlined above will be of major value in this process. Interim reports from the Environmental Framework Study contractor will be specified to provide data for the above outlined activities during the progress of the study.

3. Input will be provided by Region VIII to a variety of other ongoing programs which can have a beneficial effect on protecting environmental quality, such as State and local air and water pollution control programs, transportation planning, and others.

C. Following completion of the Environmental Framework Plan, the Regional Office will become actively involved in the installation of water supply, waste treatment, and solid waste management facilities. The nature of Region VIII involvement could take several forms depending upon the findings of the Environmental Framework Study, pending Federal legislation for funding Olympic facilities, and other factors. Probable EPA involvement will include at least the following:

1. Construction grants under Section 8 of the WPCA to communities where growth will require new or expanded sewage treatment plants and intercepting sewers.
2. Certification of projects seeking DHUD and FHA grants and loans.

3. Development of projects to demonstrate advanced waste treatment, recycling, and for other new and innovative processes and at the same time solve special problems associated with the Olympics such as the need to meet very high environmental standards under difficult circumstances of high altitude, fragile environment, cold climate, heavy peak loadings, etc.

D. Knowledge gained in the activities outlined in this plan will have application throughout Region VIII and other areas of the country in the future as development activities are proposed for mountain areas. Systems will be developed by Region VIII to transfer the technology gained as a result of the Olympic program to all interested users.

- OVER ALLOWANCE -

1. SUB-ELEMENT TITLE	2. SOURCE OF FUNDS	3. ELEMENT NO.	4. RPIO NO.	5. DIV.	6. APPRN. AUTH.	7. LOCAL
PREVENTION ACCOMPLISHMENT PLAN WINTER OLYMPICS - 1976 -			08			

8. PREPARED BY (Name)	9. DATE	10.	11.	12.	13. NO. OF SHEETS
DONALD P. DuBOIS	June 5-72				

PLANNED OBLIGATIONS (To nearest $1000)

		FY 1972	FY 1973 QUARTERS 1	2	3	4	TOTAL FY 1973	FY 1974	FY 1975	FY 1976	FY 1977	FY 1978
14. TOTAL		0	407,500	7,500	7,500	7,500	430,000	130,000				
15. CONTRACTS (Within Obj. Class 25)		0	400,000	-	-	-	400,000	100,000				
16. INTERAGENCY AGREEMENTS		0										
17. GRANTS	A. RESEARCH	0										
	B. DEMONSTRATION	0										
	C. OTHER	60,000										
18. EQUIPMENT (Obj. Class 31)		0										
19. IN-HOUSE TOTAL		0	7,500	7,500	7,500	7,500	30,000	30,000				
20. MAN-YEARS	A. PERMANENT						1	1	1	1	0	0
	B. OTHER											

21. REMARKS

Planned program described in Region VIII Prevention Accomplishment Plan - Winter Olympics - 1976.
Resource requirements stated above do not include costs associated with plan implementation such as waste treatment facility construction, demonstration projects, etc.

EPA Form 3500-1 (Rev. 4-72) REPLACES EPA FORM 3500-1 (3-71) WHICH IS OBSOLETE RESOURCES SCHEDULE

- OVER ALLOWANCE -

1. TYPE OF PLAN	2. PROGRAM SUB-ELEMENT TITLE	3. SUB-ELEMENT NO.	4. SHEET NO.
☐ a. SUB-ELEMENT ☐ b. PART SUB-ELEMENT XX c. GEOGRAPHICAL AREA	5. GEOGRAPHICAL AREA TITLE Prevention Accomplishment Plan Winter Olympics - 1976	PE XXXX 6. GEOGRAPHICAL AREA CODE 08	1-1 7. PRIORITY

8. CODE	9. NO.	10. SCHEDULE DATE OF COMPLETION	11. PLANNED ACCOMPLISHMENTS
	1	15 June, 72	Commence RFP Development
	2	15 July, 72	Hire Comprehensive Environmental Planner to develop RFP and monitor contract.
	3	15 Aug., 72	Complete RFP for Environmental Framework Plan.
	4	21 Sep., 72	Award Contract.
	5	Continuing	Provide Assistance to the Denver Organizing Committee, The State of Colorado, The City of Denver and many other Federal, State, local and private agencies.
	6	Continuing	Review EIS pertaining to Winter Olympics; provide direct support to Federal Activities Programs, Traffic Control Strategy Plan development; Assistance in specific water quality management, solid waste management planning activities; Construction Grant projects, project certification and demonstration projects.
	7	30 June, 73	Complete contract.

12. FY 1973		13. FY 1974		14. PREPARED BY AND DATE	15. REVIEW BY AND DATE
a. $1000	b. MAN-YEARS	a. $1000	b. MAN-YEARS	D.P. Dubois 5 June, 72	
				16. APPROVED FOR RPIO	

EPA Form 3500-4 (Rev. 4-72)

PLANNED ACCOMPLISHMENTS SCHEDULE

10-